

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037107.D
 Acq On : 06 Mar 2020 14:22
 Operator : JC/MD
 Sample : L1784-05DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:02:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261267	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91126	41.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.06%
7) Chloroethane-d5	1.93	69	84626	46.62	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.59	63	119792	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	4.67	46	139285	94.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.11	84	153047	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.74	65	105016	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.76	84	331195	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.72	67	108545	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	7.92	98	289225	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	8.20	79	44121	40.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
47) 2-Hexanone-d5	8.66	63	91196	80.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.11%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147140	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	81413	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

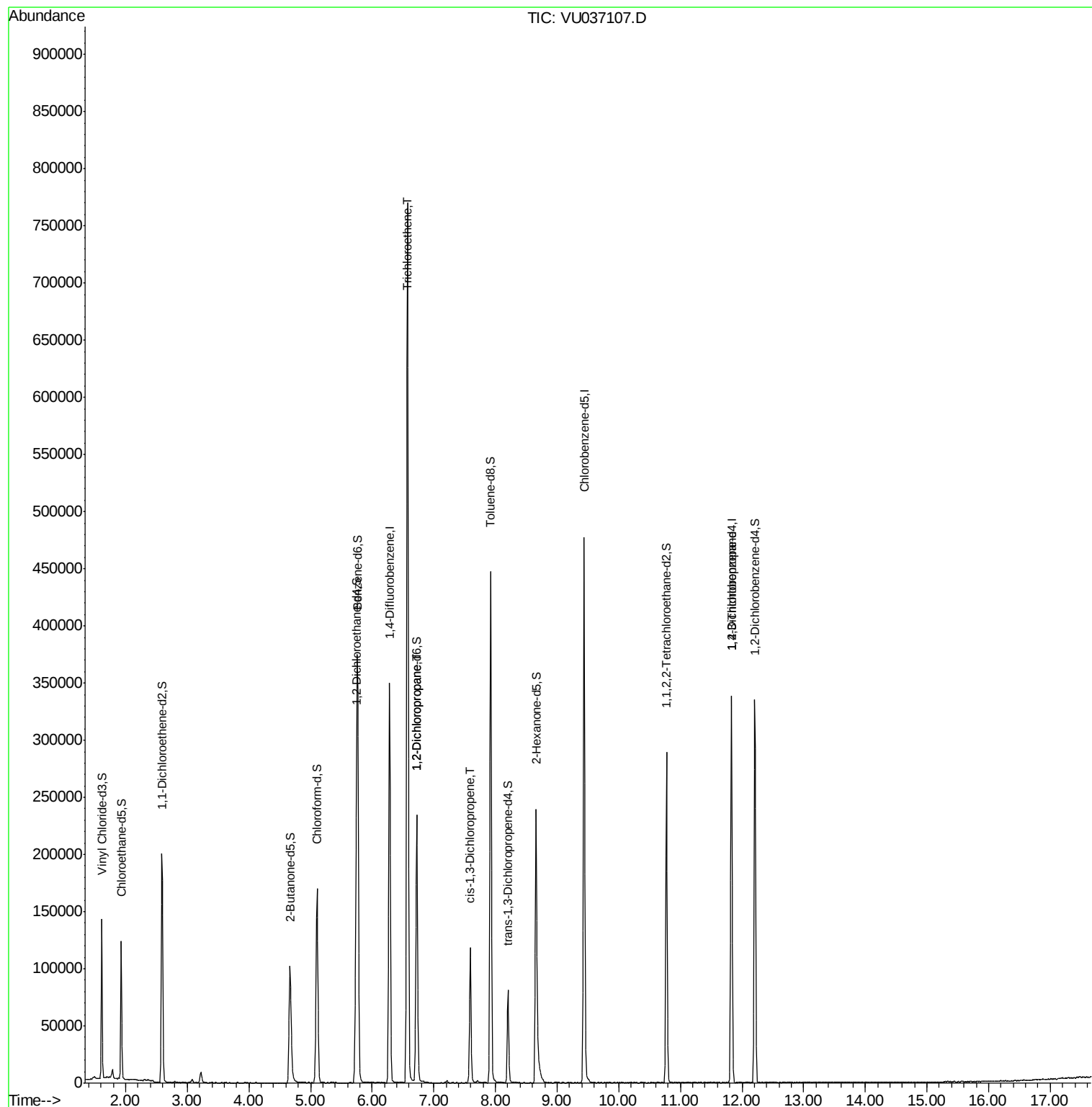
					Ovalue
34) Trichloroethene	6.57	95	266014	137.863 ug/L	98
37) 1,2-Dichloropropane	6.72	63	11801	5.583 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2897	0.890 ug/L #	78
59) 1,2,3-Trichloropropane	11.83	75	13664	5.025 ug/L	93

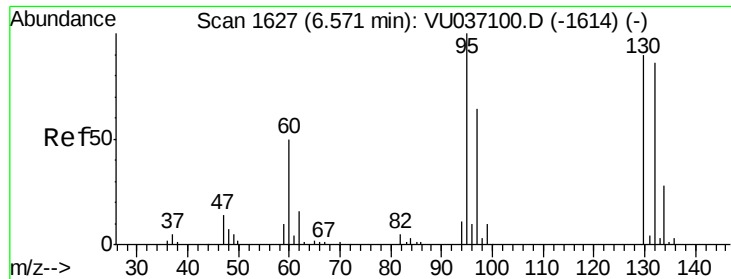
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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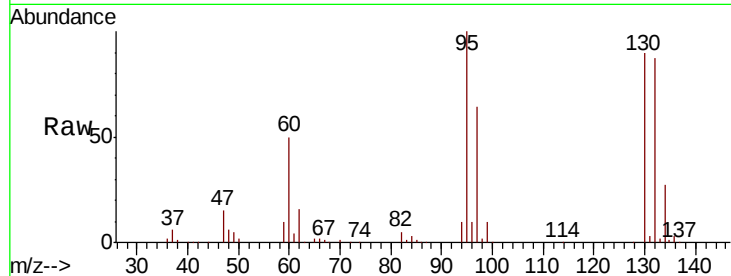




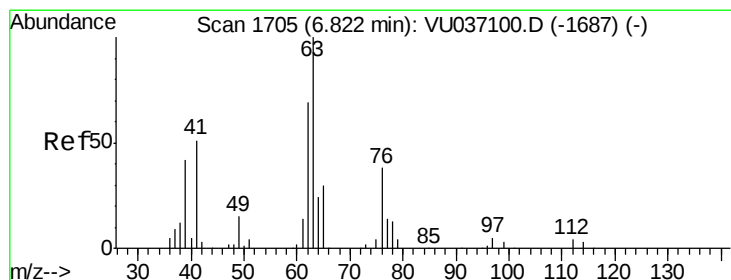
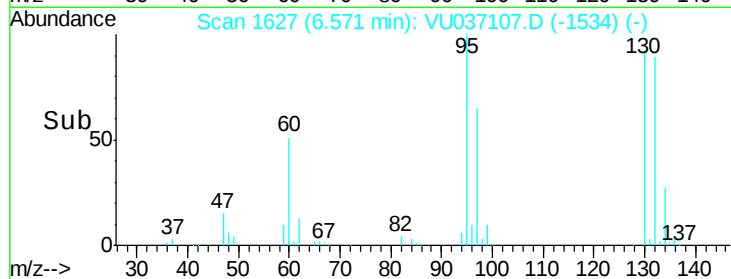
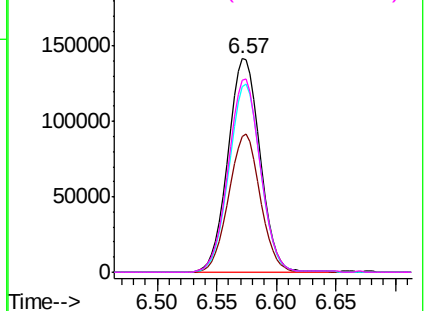
#34
 Trichloroethene
 Concen: 137.863 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037107.D
 Acq: 06 Mar 2020 14:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 266014
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.1 81.9
 132 86.9 60.6 112.6
 130 89.7 64.9 120.5

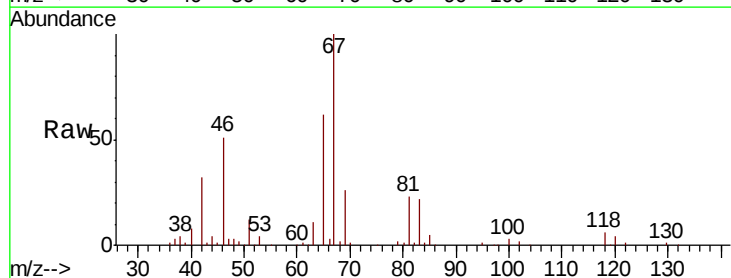


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

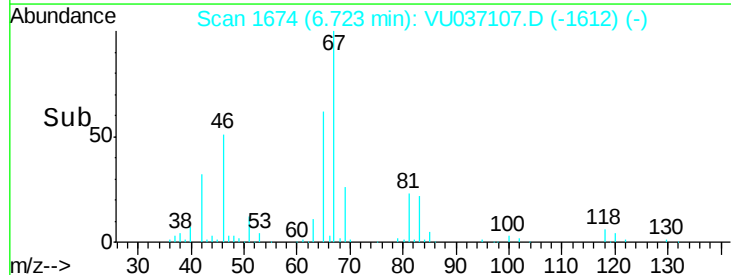
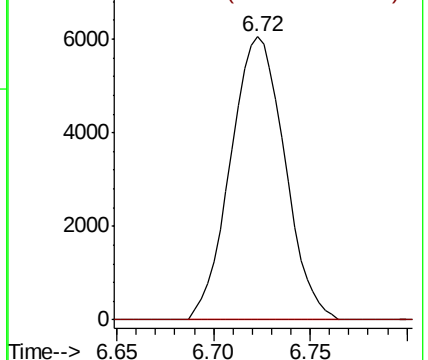


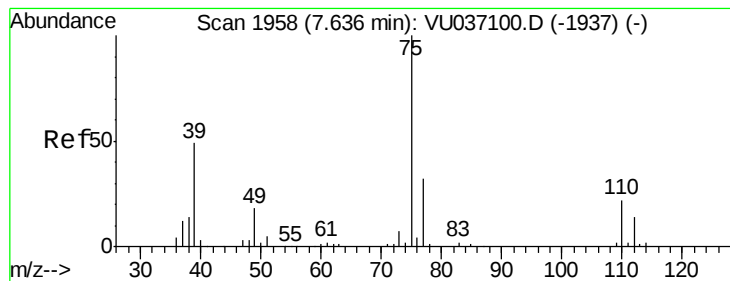
#37
 1,2-Dichloropropane
 Concen: 5.583 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037107.D
 Acq: 06 Mar 2020 14:22

Tgt Ion: 63 Resp: 11801
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V



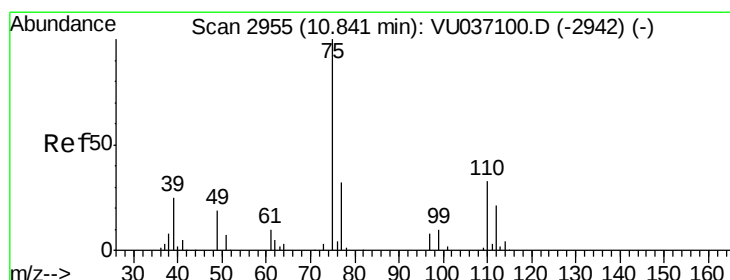
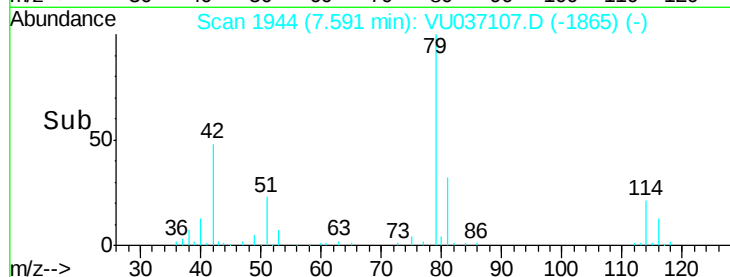
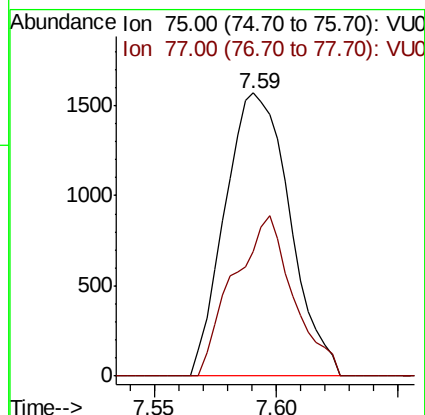
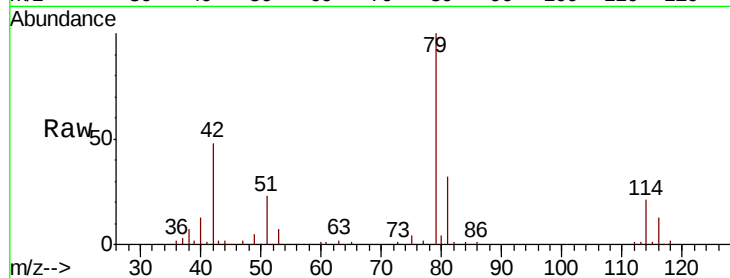


#39

cis-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037107.D
 Acq: 06 Mar 2020 14:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2897
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.0 41.0#



#59

1,2,3-Trichloropropane
 Concen: 5.025 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037107.D
 Acq: 06 Mar 2020 14:22

Tgt Ion: 75 Resp: 13664
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.2 39.2

